

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("3829952").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/07 13:44
S1	4	("6035518"   "6099987"   "6270833"   "6541152").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/14 17:20
S2	1208	@pd<"20031105" and (separator and cellophane)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/15 12:57
S3	65	@pd<"20031105" and (separator and cellophane and semi-permeable membrane)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/15 12:57
S4	8	@pd<"20031105" and (separator with cellophane with semi-permeable membrane)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/15 12:57
S5	1	@pd<"20031105" and (separator with cellophane with semi-permeable membrane) and "7101"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/15 13:04
S6	7	@pd<"20031105" and (thermoplastic sealant with bottom with separator)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/15 13:18
S7	437	@pd<"20031105" and 429/133.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/15 13:30
S8	0	@pd<"20031105" and 429/133.ccls. and alkaline cell and separator and multiple layer	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/15 13:30
S9	15	@pd<"20031105" and 429/133.ccls. and alkaline cell and separator	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/15 13:30
S10	7	"6270833"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/08 11:28
S11	7	(djuro near2 slivar).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/08 11:30
S12	14	(hibar near2 systems).as.	US-PGPUB; USPAT; USOCR; FPRS;	ADJ	ON	2010/06/08 11:35

			EPO; JPO; DERWENT; IBM_TDB			
S13	2	("4620665").PN. OR ("6270833").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/08 11:37
S14	202	429/165.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/08 11:39
S15	583	429/129.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/08 11:53
S16	428	429/129.ccls. and separator	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/08 11:53
S17	283	429/129.ccls. and @pd<"20031105"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/08 11:54
S18	6	"6,361,899"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/09 17:49
S19	1	("6,361,899").PN.	USPAT; USOCR	OR	OFF	2010/06/09 17:49
S20	1	("5300371").PN.	USPAT; USOCR	OR	OFF	2010/06/09 17:51
S21	1	("3,897,266").PN.	USPAT; USOCR	OR	OFF	2010/06/09 18:02
S22	1	S21 and binder	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/09 18:02
S23	0	@pd<"20031105" and (separator with (plural\$3 or multiple) with sheets) same (no binder or (without any binder))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/09 18:59
S24	0	@pd<"20031105" and (separator with (plural\$3 or multiple) with (sheets or membranes)) same (no binder or (without any binder))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/09 19:00
S25	1880	@pd<"20031105" and (separator with (plural\$3 or multiple) with (sheets or membranes))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/09 19:00
S26	475	@pd<"20031105" and (separator with (plural\$3 or multiple) with (sheets or membranes)) and 429/1-255.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/09 19:00
S27	75	@pd<"20031105" and (separator near3 (plural\$3 or multiple) near3 (sheets or membranes)) and 429/1-255.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/09 19:01
S28	1	("20030008214").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/09 19:04
S29	1	S28 and binder	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/09 19:05
S30	1	("4,650,730").PN.	USPAT; USOCR	OR	OFF	2010/06/09 19:13
S31	934	(yoshida).in. and separator	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/09 19:19

S32	165	(yoshida).in. and separator with battery	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/09 19:19
S33	0	(yoshida).in. and separator with battery and first separator layer	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/09 19:19
S34	9	first separator layer and second separator layer and third separator layer	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/09 19:19
S35	28	first separator layer and second separator layer and 429/1-255.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/09 19:20
S36	1	("20010005560").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/09 19:22
S37	1	S36 and binder	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/09 19:23
S38	75	(separator same battery) and 429/1-255.ccls. and (binder with separator with (performance or resistance))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 10:11
S39	25	(first separator layer and second separator layer) and battery and 429/1-255.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 10:29
S40	12	(first separator layer and second separator layer) and battery and 429/1-255.ccls. and @pd< "20031105"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 10:31
S41	814	(battery same separator) and (((multi or plurality or multiple) near4 (sheets or layers)) and 429/1-255.ccls. and @pd< "20031105")	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 10:40
S42	254	(battery same separator) and (((multi or plurality or multiple) near4 (sheets or layers)) same (improv\$5 or enhanc\$5 or increas\$3 or decreas\$3 or better)) and 429/1-255.ccls. and @pd< "20031105"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 10:42
S43	87	(battery same separator) and (((multi or plurality or multiple) near4 (sheets or layers)) with (improv\$5 or enhanc\$5 or increas\$3 or decreas\$3 or better)) and 429/1-255.ccls. and @pd< "20031105"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 10:42
S44	33	(battery same separator) and (((multi or plurality or multiple) near4 (sheets or layers)) with (improv\$5 or enhanc\$5 or increas\$3 or decreas\$3 or better) with separator) and 429/1-255.ccls. and @pd< "20031105"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 10:42
S45	104	(battery same (cylindrical near2 separator)) and @pd< "20031105"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 10:57
S46	0	(battery same (cylindrical near2 separator)) and @pd< "20031105" and (binder near4 ("not used") with (performance or resistance))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 10:58
S47	0	(battery same (cylindrical near2 separator)) and @pd< "20031105" and (binder near4 ("not used"))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 10:59
S48	0	(battery same (cylindrical near2	US-PGPUB;	ADJ	ON	2010/06/10

		separator)) and @pd<"20031105" and (binder near2 lack\$3)	USPAT; USOCR			11:00
S49	1	(battery same (cylindrical near2 separator)) and @pd<"20031105" and (binder with internal resistance)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 11:00
S50	2	(battery same (cylindrical near2 separator)) and @pd<"20031105" and (binder with resistance)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 11:01
S51	0	(battery same (cylindrical near2 separator)) and @pd<"20031105" and (binder with "with" with "without")	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 11:04
S52	1407	@pd<"20031105" and (binder with increas\$3 with resistance)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 11:29
S53	99	@pd<"20031105" and (binder with increas\$3 with resistance) and battery	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 11:29
S54	36	@pd<"20031105" and (binder with resistance with separator) and battery	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 11:32
S55	0	@pd<"20031105" and (binder with cloggs with pores with separator)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 11:36
S56	0	@pd<"20031105" and (binder with clog\$4 with pores with separator)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 11:36
S57	0	@pd<"20031105" and (binder with fills with pores with separator)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 11:36
S58	0	@pd<"20031105" and (binder with detrimental with separator)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 11:37
S59	41	@pd<"20031105" and ((binder with (fill\$3 or clog\$3) with por\$3) same separator)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 11:37
S60	29	@pd<"20031105" and ((binder with (fill\$3 or clog\$3) with por\$3) same separator) and (battery same separator)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 11:38
S61	63	@pd<"20031105" and (separator near4 (layers or sheets)) same (binder with (ineffective or detrimental or increas\$3 or decreas\$3 or less\$3 or caus\$3))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/10 11:46
S62	1	("5849431").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/11/14 12:54
S63	1	("6270833").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/06 16:42
S64	3	("4620665").PN. OR ("6270833").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/06 16:42
S65	42	("1654038"   "20020182511"   "20040068863"   "20050058903"   "3089914"   "3951687"   "3953241"   "4037033"   "4262061"   "4273840"   "4277547"   "4361632"   "4620665"   "4629666"   "4669183"   "4734344"   "4853101"   "5075958"   "5176968"	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/06 16:46

		"5208120"   "5213722"   "5298348"   "5336573"   "5342709"   "5389471"   "5674639"   "5824434"   "5948557"   "6159634"   "6270833"   "6306545"   "6447958"   "6488982"   "6495292"   "6541160"   "6558849"   "6794082"   "6828061"   "7052794"   "7066970").PN. OR ("7799455").URPN.				
S66	14	("1608196"   "1643486"   "2287114"   "4049882"   "4618546"   "5075958").PN. OR ("5208120").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/06 16:56
S67	18	("2287114"   "3089914"   "3097975"   "3748181"   "4220693"   "4679316").PN. OR ("5075958").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/06 16:58
S68	11	("3829952"   "4064288"   "4361475"   "4574472"   "4618546"   "5075958"   "5154731"   "5192585"   "5660882").PN. OR ("6035518").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/06 17:00
S69	14	("2670759"   "3795964"   "3829952"   "3978775"   "4100718"   "4203206"   "4369571"   "4460855"   "4860795"   "5091665"   "5947708"   "6035518"   "6541152").PN. OR ("7546679").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/06 17:00
S70	16	("1511693"   "2697387"   "3457627"   "3665575").PN. OR ("3829952").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/06 17:04
S71	1	("4410383").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/06 17:08
S72	88	("3083890"   "3107839"   "3141597"   "3175749"   "3185376"   "3204850"   "3319868"   "3327920"   "3349988"   "3351260"   "3366308"   "3381874"   "3447732"   "3524578"   "3537634"   "3543993"   "3543995"   "3552604"   "3554430"   "3561665"   "3580427"   "3672557"   "3692227"   "3733309"   "3743164"   "3743165"   "3745150"   "3762625"   "3797726"   "3803275"   "3825168"   "3851813"   "3861577"   "3883066"   "3924797"   "3981430"   "3995806"   "3998380"   "4184624"   "4185765"   "4206867"   "4211357"   "4214697"   "4228898"   "4228899"   "4244474"   "4245743"   "4281787"   "4301927"   "4307834"   "4313553"   "4314642"   "4327861"   "4332344"   "4343402"   "4362245").PN. OR ("4620665").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/06 17:11

12/7/2011 3:25:21 PM

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